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Rough Country 31007 Installation Instructions

EXO Winch Mount Kit for Ram 2500 & 3500 (2014-2018)

Part number: 31007

trailfortress.com/exo-winch-mount-kit-ram-2500-3500-rough-country-31007

Scan for fitment, price and install help

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ROUGH COUNTRY SUSPENSION SYSTEMS®

31007BAG1

Dodge Ram 2500/3500 2010-18 EXO Bumper

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness.

⚠NOTICE Rough Country LED lights are for off-road use only.
If factory equipped, winch bumper may interfere with parking, proximity and external cruise control sensors.

KIT CONTENTS:
- 1-EXO Front Bumper W/ Light mount
- 2– 2” Flush Mount LED Cubes
- 1– Single Row 20” LED
- 1– Drivers Side Frame Bracket
- 1– Passengers Side Frame Bracket
- 2-D-rings

TOOLS NEEDED:
- 18mm wrench or socket
- 19mm wrench and socket
- Ratchet

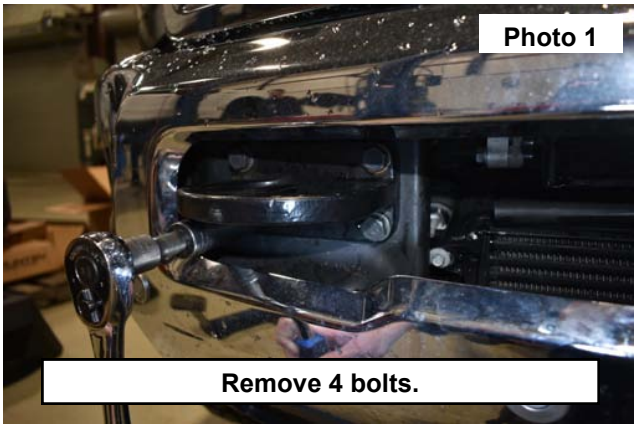
HARDWARE INCLUDED:
- 2-12mm x 120mm Bolts
- 4-1/2” x 3 1/2” Bolts
- 10-1/2” Flat Washers
- 2-1/2” Lock Washers
- 4-1/2” Nylock Nuts
- 4-12mm x 35mm Bolts
- 4-12mm Flat Washers
- 4-12mm Lock Nuts



Torque Specs:

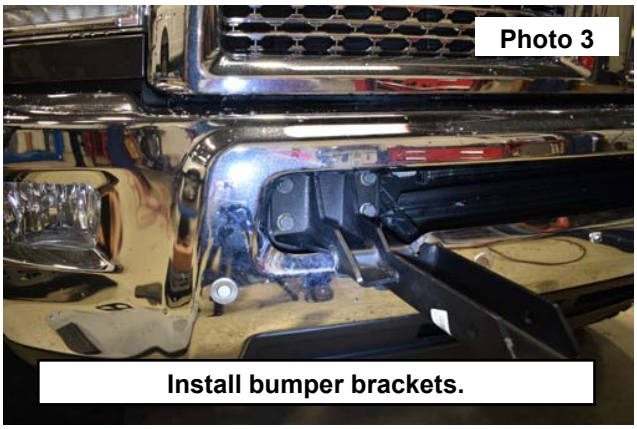
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

1. Place the vehicle in park and remove the 4 bolts from tow hook on the front and the back side of the bumper on the drivers and passengers side, use a 18mm socket and wrench. **See Photos 1 and 2.** Save bolts for reuse.



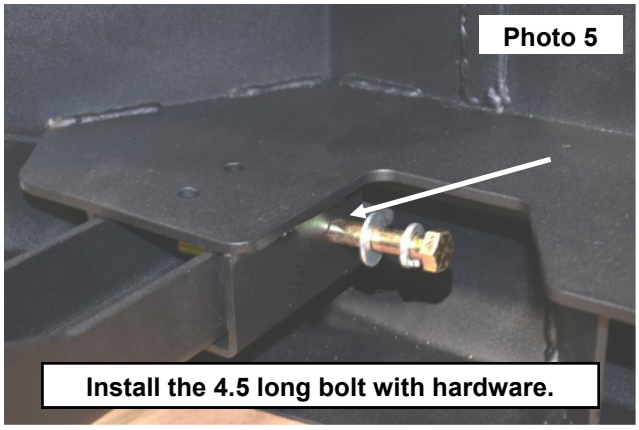


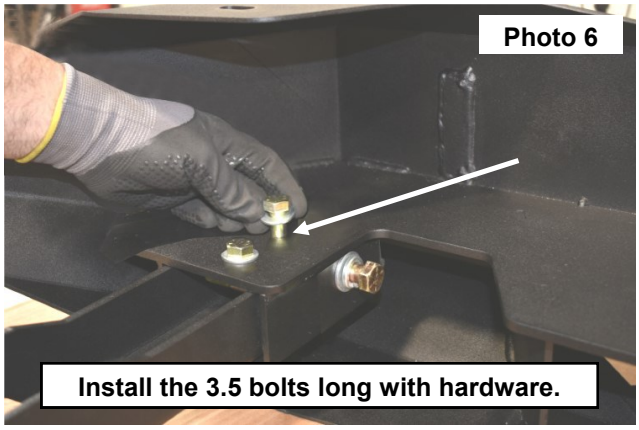
2. Using the removed bolts from the tow hooks, install the EXO bumper brackets onto the drivers and passengers side. **See Photo 3.** Measure 31 13/16 of an inch from the center of the hole to center of hole on the bottom of the brackets**. Do not tighten at this time.**
3. Install the EXO bumper onto the bumper brackets, just far enough that you can fully tighten the 4 bolts in the bumper brackets on the drivers and passengers side. **See Photo 4.**



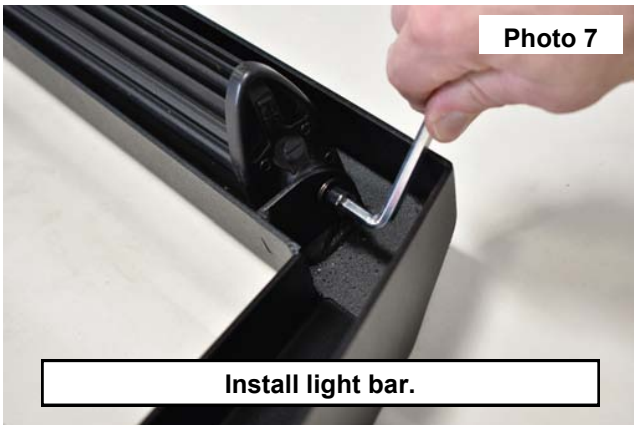


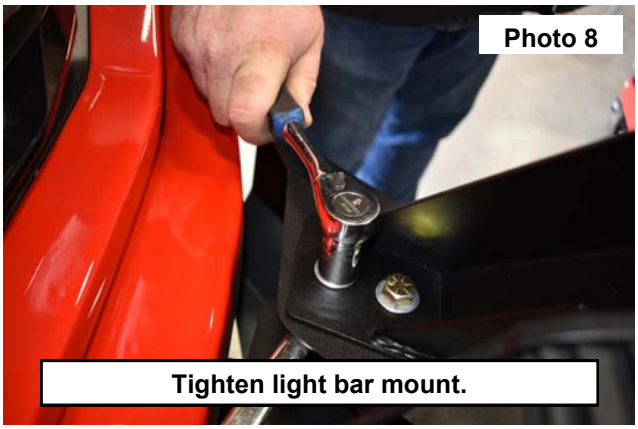
4. Slide the EXO bumper back, to line up the holes in the brackets, use the supplied 12mm x 120mm bolts, washers and lock nuts. Do not fully tighten at this time. **See Photo 5.**
5. Install the supplied 1/2” x 3 1/2” bolts in the frame bracket as shown with the flat washers and lock nuts. **See Photo 6.** Fully tighten all bolts installed, Use a 19mm wrench and socket.



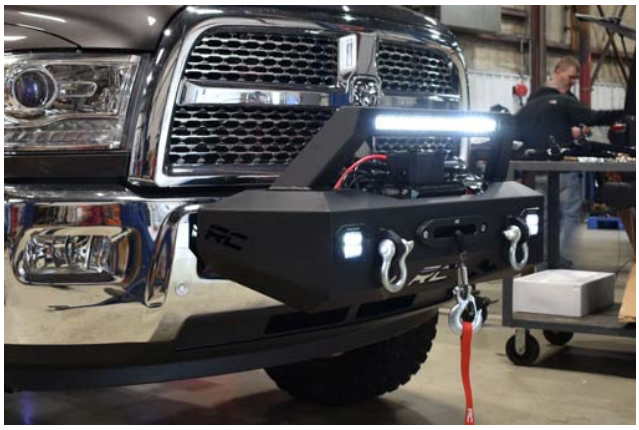


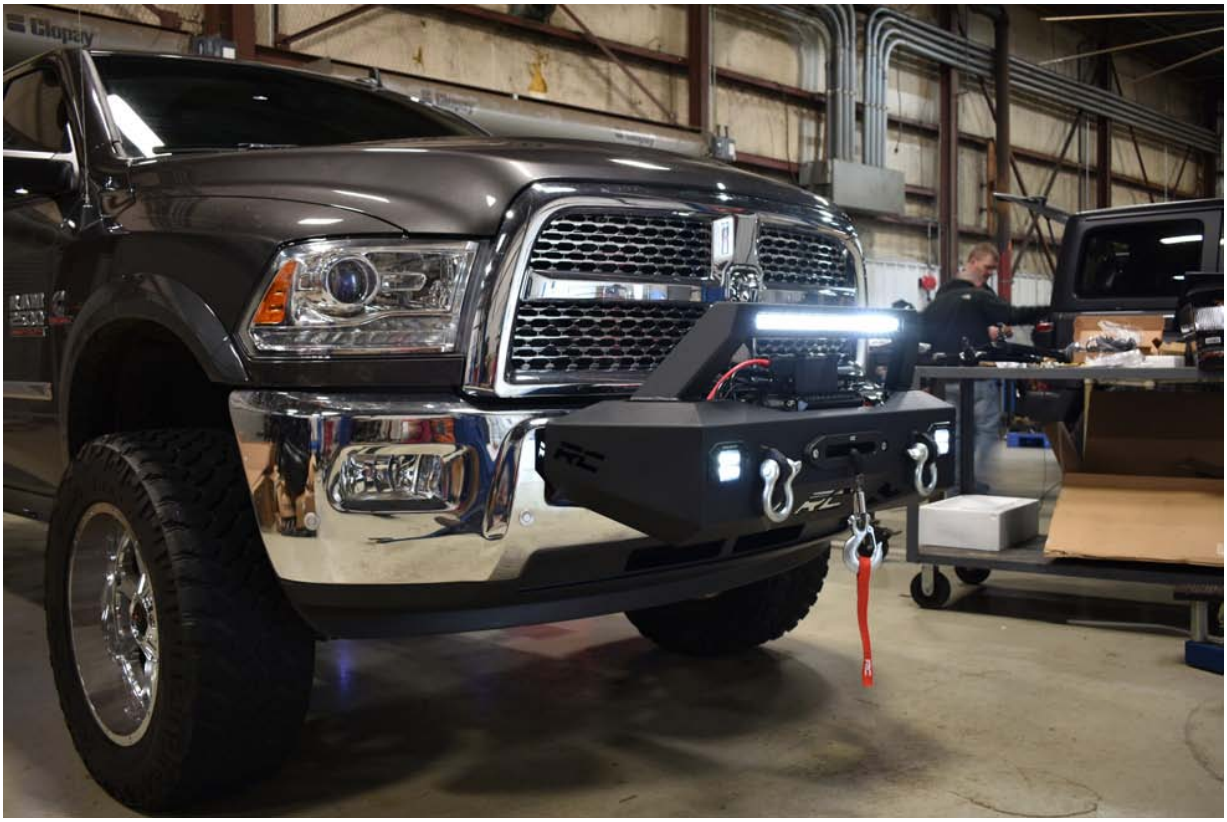
6. Install the flush mount lights and winch per instructions included in corresponding kits.
7. Install the light bar in the mount with instructions included in light bar kit. **See Photo 7.**
8. Install the light bar mount on the bumper with the supplied 12mm x 35mm bolts, flat washers and lock nuts. **See Photo 8.** Tighten using an 18mm wrench and socket.





9. Install the supplied d-rings.





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